



ATTORNEY DOCKET NO.: TXT04-11

IFL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dana D. Hawthorne

Serial No.: 10/695,500

For: LOCKING DEVICE WITH SOLENOID RELEASE PIN

Filing Date: October 27, 2003

Examiner: Barefoot, Galen L.

Art Unit: 3644

Conf. No.: 8165

Former Attorney Docket Number: 03-10058

New Attorney Docket Number: TXT04-11

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Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Date: November 3, 2004

By: Farah Zafar

(Typed or printed name of person mailing Document, whose signature appears below)

Signature: Farah Zafar

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed is/are:

- Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- Power of Attorney to Prosecute Applications Before the USPTO, Total Pages: 1;
- Statement Under 37 CFR 3.73(b), Total Pages: 1;
- A copy of the Assignment Recordation, Total Pages: 5;
- Change of Correspondence Address Application, Total Pages: 1;
- Assignment of a New Docket Number;
- Return Receipt Pre-paid Postcard (in duplicate), Total postcards: 2;
- Authorization to charge Deposit Account No. 50-0901, if necessary.

U.S. Application No.: 10/695,500

New Attorney Docket Number: TXT04-11

- 2 -

Please update all Patent Office records to reflect that the new Attorney Docket Number for this application is: TXT04-11.

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this submission, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,



\_\_\_\_\_  
David E. Huang, Esq.  
Attorney for Applicant  
USPTO Registration No.: 39,229  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

New Attorney Docket Number: TXT04-11

Dated: November 3, 2004

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby appoint:

 Practitioners associated with the Customer Number:

022468

OR

 Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number |
|------|---------------------|
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as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address: HR Textron Inc., 25200 W. Rye Canyon Road, Santa Clarita, California, 91355-1265

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

|           |                       |                               |
|-----------|-----------------------|-------------------------------|
| Signature | <i>Carl G. Buzawa</i> | Date <i>October 26, 2004</i>  |
| Name      | Carl G. Buzawa        | Telephone <i>913-657-1376</i> |
| Title     | Vice President        |                               |

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Dana D. HawthorneApplication No./Patent No.: 10/695,500 Filed/Issue Date: October 27, 2003Entitled: Damping for Electromechanical Actuators

HR Textron Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014657, Frame 0847, or for which a copy thereof is attached.

OR

B  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

\_\_\_\_\_  
Signature

November 3, 2004

Date

David E. Huang, Esq.

508-366-9600

Printed or Typed Name

Telephone Number

Attorney for ApplicantTitle

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 26, 2004

PTAS

DAVID L. HOFFMAN  
27023 MCBEAN PARKWAY, STE. 422  
VALENCIA, CA 91355



\*102595073A\*

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/27/2003

REEL/FRAME: 014657/0847

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAWTHORNE, DANA D.

DOC DATE: 10/27/2003

ASSIGNEE:

HR TEXTRON, INC.  
25200 W. RYE CANYON ROAD  
SANTA CLARITA, CALIFORNIA  
91355-  
1265

SERIAL NUMBER: 10695500

FILING DATE: 10/27/2003 -

PATENT NUMBER:

ISSUE DATE:

TITLE: LOCKING DEVICE WITH SOLENOID RELEASE PIN

 COPY

014657/0847 PAGE 2

SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

11-07-2003

Form PTO-1595  
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings → → →

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

102595073

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Dana D. Hawthorne

NOV 08 2004



-27-03

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: 10/27/2003

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 10/23/03

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David L. Hoffman

Internal Address: 27023 McBean Parkway, Ste. 422

Street Address: \_\_\_\_\_

City: Valencia State: CA Zip: 91355

6. Total number of applications and patents involved: 

7. Total fee (37 CFR 3.41).....\$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

## 9. Signature.

David L. Hoffman

Name of Person Signing

Signature

October 27, 2003

Date

Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

11/06/2003 ECOOPER 00000260 10695500

01 FC:8021

40.00 OP

U.S. PTO  
22388 10/695500  
10/27/03

## ASSIGNMENT

WHEREAS, Dana D. Hawthorne, has invented certain new and useful improvements disclosed in an application ("said application") for United States Letters Patent entitled: LOCKING DEVICE WITH SOLENOID RELEASE PIN, executed on even date herewith.

AND WEREAS HR Textron, Inc., a Delaware Corporation, having a place of business at 25200 W. Rye Canyon Road, Santa Clarita, California 91355-1265 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements, related improvements, said application, and any related applications.

NOW, THEREFORE, in consideration of good and valuable consideration, including \$1.00, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and set over, and do hereby sell, assign, transfer and set over continuations thereof, including any further improvements related to the subject matter of said application, whether or not characterized as a continuation-in-part application, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements and further improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements and further improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements and further improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assign, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to ASSIGNEE any facts known to me respecting said improvements and further improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part substitute and reissue applications, and any other applications directed to said improvements and any further improvements make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements and further improvements in all countries.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

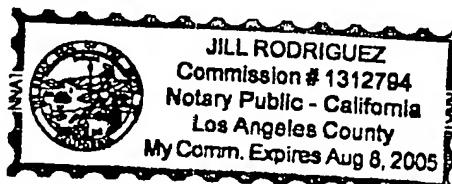
Dana D. Hawthorne  
Inventor's Signature

Oct. 27, 2003  
DATE

Dana D. Hawthorne  
Inventor's Printed Name

STATE OF California )  
COUNTY OF Los Angeles ) SS

On this 27 day of October, 2003, before me personally came the above named Dana D. Hawthorne who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Jill Rodriguez  
NOTARY PUBLIC  
My Commission Expires: Aug 8 2005

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## CHANGE OF CORRESPONDENCE ADDRESS

*Application*

Address to:  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/695,500         |
| Filing Date            | October 27, 2003   |
| First Named Inventor   | Dana D. Hawthorne  |
| Art Unit               | 3644               |
| Examiner Name          | Barefoot, Galen L. |
| Attorney Docket Number | TXT04-11           |

Please change the Correspondence Address for the above-identified patent application to:

The address associated with  
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City

State

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Country

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Fax

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I am the:

- Applicant/Inventor
- Assignee of record of the entire interest.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or agent of record. Registration Number 39,229.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_.

Signature



Typed or Printed Name David E. Huang, Esq.

Date November 3, 2004

Telephone 508-366-9600

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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